

Laser bar code scanner manual

Introduction:

The bar code equipment provides accurate, easy to use, fast data entry ,the complete solution for the computer information system,

The company has another infrared automatic sensing technology.

This product has "manual type" and "automatic induction type" two

Working mode.

USB products can be scanned after the driver to be installed completely.

This product also provides a complete interface to be suit in each

Computer system .

Keyboard, RS-232, VCOM, USBHID

All the parameters of the decoder can be set by bar code scanning,and save in memory, in Keep setting after power supply off.

Product features are not listed in this manual, please contact your supplier for more details.

All rights, including the ultimate interpretation of this note manual by

The company reserves.

Features

The basic installation, keyboard, serial

interface setting

Large ASCII code support Code128

The basic settings by scanning the specific bar code

Low power consumption

The basic parameters options

Support program (operation including insertion of strings, filtering, changing form, etc.)

Can be set Prefix,Suffix and terminator

Read and not read the indicator (buzzer and LED)

Technical parameters

Wireless transmission success indication (buzzer and LED)

Interface	USB (HID Keyboard) , RS232C, PS/2
Keyboard layout	United states (default)
Optical source	650 nm visible laser diode
Scan speed	120±10 time / s

Scanner use advanced decoding,strong error correction arithmetic rule

The ability to decode	128 code, UCC/EAN 128, 93 code, UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, 39 code, 39 code (ASCII full code), cross 25 code, industrial 25 code, matrix 25 code, CodaBar, CODE11, MSI, Post Code
Input voltage	+4.75V ~ +5.25V
Working current	sleep: 0.5mA; scanning: 65mA ;
Hint mode	Buzzer, LED
Temperature	Work : 0°C to 50°C (32°to 120°F); Storage: -40°C to 60°C(-40°to 140°F) Humidity: 5% to 95% (no condensation)
Safety regulations	laser safety level: EN60825-1, class 1, national laser safety standards Protection level: IP64 Environmental protection: comply with ROHS standards
Shell material	ABS

1.scanner function setting

1.1 scanner initialization settings

After the system initialization, all settings will be restored to the factory settings.

DEFAULTS Setting



000B0

Show version number



000A0

1.2 display software version number

The software version of the gun is displayed after the scanner is scanned for 000A0,

Such as: 13.1

1.3 sound settings

Voice on and off

When scanning 014201 this bar code system to open the sound.

When the scan 014200 the bar code system to close the sound (mute mode).

When scanning 014300 and 014301 this bar code can change the sound level of the system.

Open sound



014201

close sound



014200

sound level High



014300

sound level Low



014301

1.4 communication mode

USB (default)



000602

RS232(serial port mode)



000601

1.5 laser triggering mode

Single do not trigger



013301

Key delay does not trigger



013303

Automatic continuous scanning



013305

PS/2(keyboard mode)



000600

VCOM (Virtual serial port)



000603

Key delay



013302

Automatic flicker



013304

Default scan mode



013300

1.6 bar code ID setting

Close bar code ID



01400

Open bar code front ID



01401

Close bar code back ID



01402

1.7 IR Automatic Sense setting

Open automatic Sense



02311

Close automatic Sense



02300

1.8 Keyboard language

Used to set the output bar code to the computer language type, supports 23 languages.

American (English)



000500

French (French)



0005009

German (German)



000510

Brazil (Portuguese)



0005005

1.9 Transmission rate setting

The delay between characters and characters for setting up the data in the transmission.

Transmission speed fast



001500

Transmission speed moderate



001502

Transmission speed slightly slow



001504

Transmission speed slowest



001506

Open USB fast upload



02301

Close USB fast upload



02300

1.10 Serial communication setting

① The baud rate setting

1200



000702

9600



000705

4800



000704

115200



000709

② Communication handshake protocol

No handshake protocol



001200

XON/OFF protocol



001201

RTS/CTS protocol



001202

ACK/NAK protocol



001203

Serial handshake timeout 2s



0013020

Serial handshake timeout 5s



0013050

③ Communication data setting

7 digits data



00080

8 digits data



00081

④ Stop bit setting

1 stop bit



00090

2 stop bits



00091

⑤ Calibration setting

Serial parity-NONE



001000

Serial parity-ODD



001001

Serial parity-EVEN



001002

Serial parity-MARK



001003

Serial parity-SPACE



001004

1.11 Positive Reverse image recognition

Most of the bar code is black,white bottom is called positive image. Certain applications may be white bar code and black bottom is called reverse image.

Positive



00161

Reverse



00160

2 Bar code type function setting

2.1 CODE39 setting

Open CODE39



00221

Close CODE39



00220

Open CODE39 FULL ASCII



00231

Close CODE39 FULL ASCII



00230

Open CODE39 MODE 43 check



00241

Close CODE39 MODE 43 check



00240

Open CODE39 sending check



00251

Close CODE39 sending check



00250

Open CODE39 Multiple check



00331

Close CODE39 Multiple check



00330

**2 replacement with TWO
in 39 CODE**



02081

Open code39 turn to code32



01951

CODE39 TAB mode



0212Mt

2.2 UPC-A Setting

Open UPC-A



00341

Open UPCA to EAN13



00391

**Cancel 2 replacement
with TWO in 39 CODE**



02080

Close code39 to code32 (DF)



01950

Set code39 ID for m



0031m

Close UPC-A



00340

Close UPCA to EAN13



00390

Send UPCA check code



00421

UPCA Hide system characters



00401

2.3 UPC-E Setting

Open UPC-E



00351

Open UPCE to UPCA



00381

Set UPCA ID for e



0049e

Do not send UPCA check code



00420

UPCA no hidden system characters



00400

Close UPC-E



00350

Close UPCE to UPCA



00380

Set UPCE ID for f



0050f

2.4 EAN13 Setting

Open EAN13



00361

Send EAN13 check code



00461

Open EAN13 to ISBN



00481

Open EAN13 to ISSN



01501

Open EAN13 Multiple check



00541

Close EAN13



00360

Do not send EAN13 check code



00460

Close EAN13 to ISBN



00480

Close EAN13 to ISSN



01500

Close EAN13 Multiple check



00540

2.5 EAN 8 Setting

Open EAN 8



00371

Open 2 bit additional code



00551

Open 2 bit & 5 bit additional code



00553

Set EAN13 ID for d



0051d

Close EAN 8



00370

Open 5 bit additional code



00552

Close additional code



00550

Set EAN 8 ID for c



0052c

2.6 CODE93 Setting

Open CODE93



00621

Close CODE93



00620

Open CODE93 Multiple check



00681

Close CODE93 Multiple check



00680

Open 93 code MOD47



01901

Close 93 code MOD47



01900

Set code93 code ID for i



0066i

2.7 CODE128 Setting

Open CODE128



00691

Close CODE128



00690

Open code128 Multiple check



00841

Close code128 Multiple check



00840

Set code128 ID for a



0081a

2.8 CODEBAR Setting

Open CODEBAR



00851

Close CODEBAR



00850

Open CODEBAR Start stop



00861

Close CODEBAR Start stop



00860

Open CODEBAR Multiple check



00951

Close CODEBAR Multiple check



00950

Set CODEBAR ID for v



0094v

2.9 Cross 25 code Setting

Open cross 25 code



00961

Close cross 25 code



00960

Open cross 25 code Multiple check



01051

Close cross 25 code Multiple check



01050

Set cross 25 code ID for n



0104n

2.10 Industrial 25 code setting

Open Industrial 25 code



01061

Close Industrial 25 code



01060

Open Industrial 25 code Multiple check



01141

Close Industrial 25 code Multiple check



01140

Set Industrial 25 code ID for o



0113o

2.11 MSI code Setting

Open MSI



01151

Close MSI



01150

Open MSI Multiple check



01251

Close MSI Multiple check



01250

Set MSI ID for s



0053s

2.12 Plessey Code Setting

Open Plessey code



01161

Close Plessey code



01160

Open Plessey code Multiple check



01241

Close Plessey code Multiple check



01240

Set Plessey ID for t



0117t

2.13 CODE11 Setting

Open CODE11



01261

Close CODE11



01260

Open CODE11 Multiple check



01321

Close CODE11 Multiple check



01320

CK Automatic Check



01271

C Check



01272